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**Product Name: RPS6KB2 Mouse Monoclonal Antibody****Catalog #: AMM85911**

For research use only.

**Summary**

<b>Description</b>	Mouse monoclonal Antibody
<b>Host</b>	Mouse
<b>Application</b>	WB,IHC,FC
<b>Reactivity</b>	Human, Mouse
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	Mouse IgG1
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Purified antibody in PBS with 0.05% sodium azide.
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:1000-1:2000,IHC 1:100-1:500,FC 1:10-1:50
<b>Molecular Weight</b>	53.5kDa

**Antigen Information**

<b>Gene Name</b>	RPS6KB2 Ribosomal protein S6 kinase beta-2, S6K-beta-2, S6K2, 70 kDa ribosomal protein S6 kinase 2,
<b>Alternative Names</b>	P70S6K2, p70-S6K 2, S6 kinase-related kinase, SRK, Serine/threonine-protein kinase 14B, p70 ribosomal S6 kinase beta, S6K-beta, p70 S6 kinase beta, p70 S6K-beta, p70 S6KB, p70-beta, RPS6KB2, STK14B
<b>Gene ID</b>	6199.0
<b>SwissProt ID</b>	Q9UBS0
<b>Immunogen</b>	This RPS6KB2 Monoclonal antibody was raised using purified His-tagged recombinant human RPS6KB2.

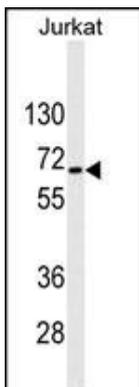
## Background

Phosphorylates specifically ribosomal protein S6.

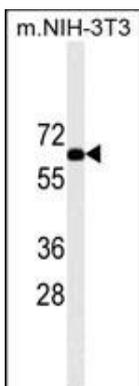
## Research Area

PI3K-Akt signaling pathway

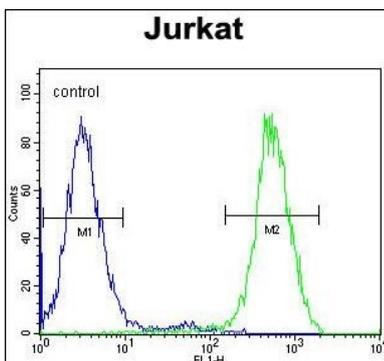
## Image Data



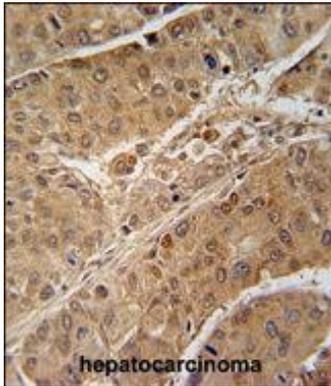
RPS6KB2 Antibody western blot analysis in Jurkat cell line lysates (15µg/lane). This demonstrates the RPS6KB2 antibody detected the RPS6KB2 protein (arrow). (1:1000)



RPS6KB2 Antibody (Cat. #AMM85911) western blot analysis in mouse NIH-3T3 cell line lysates (15µg/lane). This demonstrates the RPS6KB2 antibody detected the RPS6KB2 protein (arrow). (1:2000)



RPS6KB2 Monoclonal (Ascites) (Cat. #AMM85911) flow cytometric analysis of Jurkat cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-mouse secondary antibodies were used for the analysis.



RPS6KB2 Monoclonal( Ascites) (Cat. #AMM85911) immunohistochemistry analysis in formalin fixed and paraffin embedded human hepatocarcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the RPS6KB2 Monoclonal( Ascites) for immunohistochemistry. Clinical relevance has not been evaluated.